Data warehousing & Data Mining

Announcements

Theory and Lab Syllabus

- DATA WAREHOUSING AND DATA MINING (Theory) & DATA MINING LAB ☐
- Google Drive link for DWDM class Recordings: ☐
- DWDM Topic wise Recording Link ☐

Course Outcomes and CO-PO Mapping

DWDM ☐

Course Outcomes:

Course Outcomes	At the end of the course students are able to:
CO1	**Build** a Data warehouse system and perform business analysis with OLAP tools
CO2	**Classify** the kinds of data, functionalities, issues in data mining, similarity and dissimilarity measures and **illustrate** various preprocessing, Visualization techniques for Data analysis.
CO3	**Construct** association rule generation and identify frequent item sets using apriori and FP growth algorithm.
CO4	**Build** Classification model using Decision tree,Naive Bayes,Rule based, support vector machines and evaluate the performance of a classifier
CO5	**Develop** the various kinds of clustering methods and **apply** the clustering algorithm on a data set.

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GVP College of Engineering for Women
Madhurawada, Visakhapatnam-48

CO-PO Mapping

Course outcomes	Programme Outcomes													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	3	3	3	-	-	-	-	-	3	3	3
CO2	3	3	3	3	3	-	-	-	-	-	-	3	3	3
CO3	3	3	3	3	3	-	2	-	-	-	-	3	3	3
CO4	3	3	3	3	3	-	2	-	-	-	-	3	3	3
CO5	3	3	3	3	3	-	-	-	-	-	-	3	3	3

1 – Weak, 2-Moderate, 3- Strong

Lecture Notes

DWDM- R19 Lecture Notes

- Data Warehousing and Data Mining U1.pdf
- Data Warehousing and Data Mining U2.pdf
- Data Warehousing and Data Mining U3.pdf
- Data Warehousing and Data Mining U4.pdf
- Data Warehousing and Data Mining U5.pdf
- unit-1 R19.pdf
- UNIT-2 Preprocessing Part.pdf
- UNIT-2 R19.pdf

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PPTs

PPT Materials

- U1- 04DW_OLAP.ppt
- U2-Part1 -01Intro.ppt
- U2-Part2 -02Data.ppt

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U2-Part3 -03Preprocessing.ppt

U3 Part1 FPBasic.ppt

U3 Part2 FPAdvanced.ppt

U4 Part1 ClassBasic.ppt

U4 Part2 ClassAdvanced.ppt

U5 Part1 ClusBasic.ppt

U5 Part2 ClusAdvanced.ppt

U5 Part3 Outlier.ppt

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EBOOKS

Data Mining Text Book: Jiawei Han, Micheline Kamber, Jian Pei. Data Mining Concepts and Techniques 3rd Edition

Tan and Vipin Kumar TB Chapters for Unit-3,4,5

ch3_classification_TANandVIPIN.pdf

ch5_association_analysis_TANandVIPIN.pdf

ch7_clustering_TANandVIPIN.pdf

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JNTUK OLD QUESTION PAPERS & e-Resources

JNTUK Previous Year QPs

DATA WARE HOUSING AND MINING April 2017 (1).pdf

DATA WARE HOUSING AND MINING nov-dec-2016 (1).pdf

DATA WARE HOUSING AND MINING-Nov-2017-Q.P.pdf

DATA WARE HOUSING AND MINING.pdf

DATA WAREHOUSING AND MINING APRIL 2019 (2).pdf

DATA WAREHOUSING AND MINING OCT-NOV 2020 (1).pdf

DATA WAREHOUSING AND MINING R16 Nov 2019.pdf

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e-Resources

e-Resources:

1) https://www.saedsayad.com/data_mining_map.htm

2) https://nptel.ac.in/courses/106/105/106105174/

3) (NPTEL course by Prof.Pabitra Mitra) http://onlinecourses.nptel.ac.in/noc17_mg24/preview

4) (NPTEL course by Dr. Nandan Sudarshanam & Dr. Balaraman Ravindran)

http://www.saedsayad.com/data_mining_map.htm

ASSIGNMENTS

DATA WAREHOUSING AND DATA MINING MID-1 Assignment

DATA WAREHOUSING AND DATA MINING MID-2 Assignment

QUIZZES

Quiz-1

Quiz-2

QUESTION BANK

MID-1 Question Bank

MID-2 Question Bank

MID Question Papers and Scheme of Valuation

- AY21-22 DWDM R19 MID-I Scheme.docx
- AY21-22 DWDM R19 MID-II Scheme.docx
- DWDM R19 MID-1 QP-CSE AY2021-22.doc
- DWDM R19 MID-2 QP-CSE AY2021-22.doc

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Cellular Mobile Communications

CMC Course outcomes

	Course Outcomes
CO1	Outline the concepts of cellular systems and various cellular systems.
CO2	Analyze the effects of interferences and design of antenna system.
CO3	Outline various frequency management, channel assignment algorithms in cellular systems and illustrate various propagation effects in cellular environment.
CO4	Illustrate different types of antennas used at cell site and mobile stations.
CO5	Compare various types of handoff techniques and summarize the concepts of dropped calls.
CO6	Illustrate the architecture of GSM, 3G Cellular systems and multiple access techniques.

Announcements

R16 CMC Syllabus

Text Books & Reference Books

TEXT BOOKS :

1. Mobile Cellular Telecommunications — W.C.Y. Lee, Tata McGraw Hill, 2rd Edn., 2006.

2. Principles of Mobile Communications — Gordon L. Stuber, Springer International 2nd Edition, 2007.

Navigation

REFERENCES :

1. Wireless Communications — Theodore. S. Rapport, Pearson education, 2nd Edn.,2002.

2. Wireless and Mobile Communications — Lee McGraw Hills, 3'd Edition, 2006.

3. Mobile Cellular Communication — G Sasibhushana Rao Pearson

4. Wireless Communication and Networking — Jon W. Mark and Weihua Zhqung, PHI, 2005.

5. Wireless Communication Technology — R. Blake, Thompson Asia Pvt. Ltd., 2004.

JNTUK Question Papers CMC Regular September 2020

Unit-1

Syllabus

UNIT I

CELLULAR MOBILE RADIO SYSTEMS: Introduction to Cellular Mobile System, uniqueness of mobile radio environment, operation of cellular systems, consideration of the components of Cellular system, Hexagonal shaped cells, Analog and Digital Cellular systems.

CELLULAR CONCEPTS: Evolution of Cellular systems, Concept of frequency reuse, frequency reuse ratio, Number of channels in a cellular system, Cellular traffic: trunking and blocking, Grade of Service; Cellular structures: macro, micro, pico and femto cells; Cell splitting, Cell sectoring.

CMC Unit-1

CMC Unit-1 Cellular Mobile Radio Systems PPTs

Cellular concepts PPTs

Unit-2

UNIT II

Navigation

INTERFERENCE: Types of interferences, Introduction to Co-Channel Interference, real time Co-Channel interference, Co-Channel measurement, Co-channel Interference Reduction Factor, desired C/I from a normal case in a omni directional Antenna system, design of Antenna system, antenna parameters and their effects, diversity receiver, non-cochannel interference-different types.

CMC Unit-2 ☐

CMC Unit2 PPTs ☐

Unit-3

UNIT III

FREQUENCY MANAGEMENT AND CHANNEL ASSIGNMENT: Numbering and grouping, setup access and paging channels, channel assignments to cell sites and mobile units: fixed channel and non-fixed channel assignment, channel sharing and borrowing, overlaid cells.

CELL COVERAGE FOR SIGNAL AND TRAFFIC: Signal reflections in flat and hilly terrain, effect of human made structures, phase difference between direct and reflected paths, straight line path loss slope, general formula for mobile propagation over water and flat open area, near and long distance propagation, antenna height gain, form of a point to point model.

CMC Unit-3 ☐

CMC Unit3 Frequency Management and Channel Assignment PPTs ☐

CMC Assignment-1

CMC Assignment-1

1. Explain the principle of operation of cellular system with a neat diagram.

2. Illustrate frequency reuse concept for K=7 and k=4 with the help of diagrams.

3. Explain the effect of reduction of Antenna heights on different terrains.

Navigation

4. Derive the expression for C/I for worst case scenario in omnidirectional antenna system and analyze the effect of

changing k value.

5. Explain frequency management chart with the help of diagram.

Administration

Course administration

Users

Reports

Badges

Network Analysis

Your progress

COURSE OUTCOMES

CO1. Understand the basic concepts, laws and network topologies of electric circuits

CO2. Analyze RLC network with sinusoidal excitation to evaluate its response

CO3. Understand the concepts of magnetic circuits with various dot conventions and examine the concept of resonance by varying the parameters of electrical circuits

CO4. Simplify electrical networks by using principles of network theorems

CO5. Determine the parameters of two port networks

CO6. Evaluate the transient response of electrical networks for different types of excitations

SYLLABUS AND TEXT BOOKS

UNIT – I

Introduction to Electrical Circuits : Network elements classification, Electric charge and current, Electric energy and potential, Resistance parameter – series and parallel combination, Inductance parameter – series and parallel combination, Capacitance parameter – series and parallel combination. Energy sources: Ideal, Non-ideal, Independent and dependent sources, Source transformation, Kirchoff's laws, Mesh analysis and Nodal analysis problem solving with resistances only including dependent sources also.

A.C Fundamentals and Network Topology: Definitions of terms associated with periodic functions: Time period, Angular velocity and frequency, RMS value, Average value, Form factor and peak factor- problem solving, Phase angle, Phasor representation, Addition and subtraction of phasors, mathematical representation of sinusoidal quantities, explanation with relevant theory, problem solving,principal of Duality with examples.

Network Topology: Definitions of branch, node, tree, planar, non-planar graph, incidence matrix, basic tie setschedule, basic cut set schedule.

UNIT – II

Steady State Analysis of A.C Circuits: Response to sinusoidal excitation - pure resistance, pure inductance, purecapacitance, impedance concept, phase angle, series R-L, R-C, R-L-C circuits problem solving. Compleximpedance and phasor notation for R-L, R-C, R-L-C problem solving using mesh and nodal analysis, Star-Deltaconversion, problem solving.

UNIT – III

Coupled Circuits: Coupled Circuits: Self inductance, Mutual inductance, Coefficient of coupling, analysis ofcoupled circuits, Natural current, Dot rule of coupled circuits, conductively coupled equivalent circuits- problemsolving.

Resonance: Introduction, Definition of Q, Series resonance, Bandwidth of series resonance, Parallel resonance,Condition for maximum impedance, current in anti resonance, Bandwidth of parallel resonance, general caseresistancepresent in both branches, anti resonance at all frequencies.

UNIT – IV

Network Theorems: Thevinin's, Norton's, Milliman's, Reciprocity, Compensation, Substitution, Superposition,Max Power Transfer, Tellegens- problem solving using dependent sources also.

UNIT – V

Two-port networks: Relationship of two port networks, Z-parameters, Y-parameters, Transmission lineparameters, h-parameters, Inverse h-parameters, Inverse Transmission line parameters, Relationship betweenparameter sets, Parallel connection of two port networks, Cascading of two port networks, series connection of twoport networks, problem solving including dependent sources also.

UNIT – VI

Transients : First order differential equations, Definition of time constants, R-L circuit, R-C circuit with DCexcitation, Evaluating initial conditions procedure, second order differential equations, homogeneous, nonhomogenous,problem solving using R-L-C elements with DC excitation and AC excitation, Response as related tos-plane rotation of roots. Solutions using Laplace transform method.

Text Books:

1. Network Analysis – ME Van Valkenburg, Prentice Hall of India, 3rd Edition, 2000.
2. Network Analysis by K.Satya Prasad and S Sivanagaraju, Cengage Learning
3. Electric Circuit Analysis by Hayt and Kimberley, TMH

Reference Books:

1. Network lines and Fields by John. D. Ryder 2nd edition, Asia publishing house.
2. Basic Circuit Analysis by DR Cunninghan, Jaico Publishers.
3. Network Analysis and Filter Design by Chadha, Umesh Publications.

LECTURE SCHEDULE

LECTURE SCHEDULE

LECTURE NOTES

UNIT-I

Introduction to Electrical Circuits : Network elements classification, Electric charge and current, Electric energy and potential, Resistance parameter – series and parallel combination, Inductance parameter – series and parallel combination, Capacitance parameter – series and parallel combination. Energy sources: Ideal, Non-ideal, Independent and dependent sources, Source transformation, Kirchoff's laws, Mesh analysis and Nodal analysis problem solving with resistances only including dependent sources also.

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Network Topology: Definitions of branch, node, tree, planar, non-planar graph, incidence matrix, basic tie setschedule, basic cut set schedule.

- LECTURE NOTES ON UNIT-I ☐
- ASSIGNMENT ☐
- PREVIOUS UNIVERSITY QUESTIONS ☐

UNIT-II(Contents)

Steady State Analysis of A.C Circuits: Response to sinusoidal excitation - pure resistance, pure inductance, purecapacitance, impedance concept, phase angle, series R-L, R-C, R-L-C circuits problem solving. Compleximpedance and phasor notation for R-L, R-C, R-L-C problem solving using mesh and nodal analysis, Star-Deltaconversion, problem solving. ☐

- LECTURE NOTES ON UNIT-II ☐
- ASSIGNMENT ☐
- PREVIOUS UNIVERSITY QUESTIONS ☐

UNIT-III(Contents)

Coupled Circuits: Coupled Circuits: Self inductance, Mutual inductance, Coefficient of coupling, analysis ofcoupled circuits, Natural current, Dot rule of coupled circuits, conductively coupled equivalent circuits- problemsolving. ☐

Resonance: Introduction, Definition of Q, Series resonance, Bandwidth of series resonance, Parallel resonance,Condition for maximum impedance, current in anti resonance, Bandwidth of parallel resonance, general caseresistancepresent in both branches, anti resonance at all frequencies.

- LECTURE NOTES ON UNIT-III ☐

ASSIGNMENT

PREVIOUS UNIVERSITY QUESTIONS

UNIT-IV

Network Theorems: Thevinin's, Norton's, Milliman's, Reciprocity, Compensation, Substitution, Superposition,Max Power Transfer, Tellegens- problem solving using dependent sources also.

LECTURE NOTES

PREVIOUS UNIVERSITY PAPERS

UNIT-V

Two-port networks: Relationship of two port networks, Z-parameters, Y-parameters, Transmission line parameters, h-parameters, Inverse h-parameters, Inverse Transmission line parameters, Relationship between parameter sets, Parallel connection of two port networks, Cascading of two port networks, series connection of two port networks, problem solving including dependent sources also.

LECTURE NOTES

PREVIOUS UNIVERSITY PAPERS

UNIT-VI

Transients : First order differential equations, Definition of time constants, R-L circuit, R-C circuit with DC excitation, Evaluating initial conditions procedure, second order differential equations, homogeneous, non homogeneous,problem solving using R-L-C elements with DC excitation and AC excitation, Response as related to s-plane rotation of roots. Solutions using Laplace transform method.

LECTURE NOTES

PREVIOUS UNIVERSITY PAPERS

ASSIGNMENT

Assignment on Unit-4 ,5 and 6

Topic 10

Navigation

Topic 10

21ECE2NA

- 1920R16CSIIECE1
- R2021EEEEMF
- R19EM1IIEEE
- R1922EEEEMII
- EM22EEE
- R2012ECE1NA
- More...

Administration

Course administration

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- Reports
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- Question bank

Cellular Mobile Communications

CMC Course outcomes

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JNTUK Question Papers CMC Regular September 2020

Unit-1

Syllabus

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CMC Unit-1

CMC Unit-1 Cellular Mobile Radio Systems PPTs

Cellular concepts PPTs

Unit-2

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CMC Unit-2 ☐

CMC Unit2 PPTs ☐

Unit-3

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CMC Unit-3 ☐

CMC Unit3 Frequency Management and Channel Assignment PPTs ☐

CMC Assignment-1

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Navigation

4. Derive the expression for C/I for worst case scenario in omnidirectional antenna system and analyze the effect of

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CO5. Determine the parameters of two port networks

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SYLLABUS AND TEXT BOOKS

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Coupled Circuits: Coupled Circuits: Self inductance, Mutual inductance, Coefficient of coupling, analysis ofcoupled circuits, Natural current, Dot rule of coupled circuits, conductively coupled equivalent circuits- problemsolving.

Resonance: Introduction, Definition of Q, Series resonance, Bandwidth of series resonance, Parallel resonance,Condition for maximum impedance, current in anti resonance, Bandwidth of parallel resonance, general caseresistancepresent in both branches, anti resonance at all frequencies.

UNIT – IV

Network Theorems: Thevinin's, Norton's, Milliman's, Reciprocity, Compensation, Substitution, Superposition,Max Power Transfer, Tellegens- problem solving using dependent sources also.

UNIT – V

Two-port networks: Relationship of two port networks, Z-parameters, Y-parameters, Transmission lineparameters, h-parameters, Inverse h-parameters, Inverse Transmission line parameters, Relationship betweenparameter sets, Parallel connection of two port networks, Cascading of two port networks, series connection of twoport networks, problem solving including dependent sources also.

UNIT – VI

Transients : First order differential equations, Definition of time constants, R-L circuit, R-C circuit with DCexcitation, Evaluating initial conditions procedure, second order differential equations, homogeneous, nonhomogenous,problem solving using R-L-C elements with DC excitation and AC excitation, Response as related tos-plane rotation of roots. Solutions using Laplace transform method.

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LECTURE SCHEDULE

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LECTURE NOTES

UNIT-I

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Network Topology: Definitions of branch, node, tree, planar, non-planar graph, incidence matrix, basic tie setschedule, basic cut set schedule.

- LECTURE NOTES ON UNIT-I ☐
- ASSIGNMENT ☐
- PREVIOUS UNIVERSITY QUESTIONS ☐

UNIT-II(Contents)

Steady State Analysis of A.C Circuits: Response to sinusoidal excitation - pure resistance, pure inductance, purecapacitance, impedance concept, phase angle, series R-L, R-C, R-L-C circuits problem solving. Compleximpedance and phasor notation for R-L, R-C, R-L-C problem solving using mesh and nodal analysis, Star-Deltaconversion, problem solving. ☐

- LECTURE NOTES ON UNIT-II ☐
- ASSIGNMENT ☐
- PREVIOUS UNIVERSITY QUESTIONS ☐

UNIT-III(Contents)

Coupled Circuits: Coupled Circuits: Self inductance, Mutual inductance, Coefficient of coupling, analysis ofcoupled circuits, Natural current, Dot rule of coupled circuits, conductively coupled equivalent circuits- problemsolving. ☐

Resonance: Introduction, Definition of Q, Series resonance, Bandwidth of series resonance, Parallel resonance,Condition for maximum impedance, current in anti resonance, Bandwidth of parallel resonance, general caseresistancepresent in both branches, anti resonance at all frequencies.

- LECTURE NOTES ON UNIT-III ☐

ASSIGNMENT

PREVIOUS UNIVERSITY QUESTIONS

UNIT-IV

Network Theorems: Thevinin's, Norton's, Milliman's, Reciprocity, Compensation, Substitution, Superposition,Max Power Transfer, Tellegens- problem solving using dependent sources also.

LECTURE NOTES

PREVIOUS UNIVERSITY PAPERS

UNIT-V

Two-port networks: Relationship of two port networks, Z-parameters, Y-parameters, Transmission line parameters, h-parameters, Inverse h-parameters, Inverse Transmission line parameters, Relationship between parameter sets, Parallel connection of two port networks, Cascading of two port networks, series connection of two port networks, problem solving including dependent sources also.

LECTURE NOTES

PREVIOUS UNIVERSITY PAPERS

UNIT-VI

Transients : First order differential equations, Definition of time constants, R-L circuit, R-C circuit with DC excitation, Evaluating initial conditions procedure, second order differential equations, homogeneous, non homogeneous,problem solving using R-L-C elements with DC excitation and AC excitation, Response as related to s-plane rotation of roots. Solutions using Laplace transform method.

LECTURE NOTES

PREVIOUS UNIVERSITY PAPERS

ASSIGNMENT

Assignment on Unit-4 ,5 and 6

Topic 10

Navigation

Topic 10

21ECE2NA

- 1920R16CSIIECE1
- R2021EEEEMF
- R19EM1IIEEE
- R1922EEEEMII
- EM22EEE
- R2012ECE1NA
- More...

Administration

Course administration

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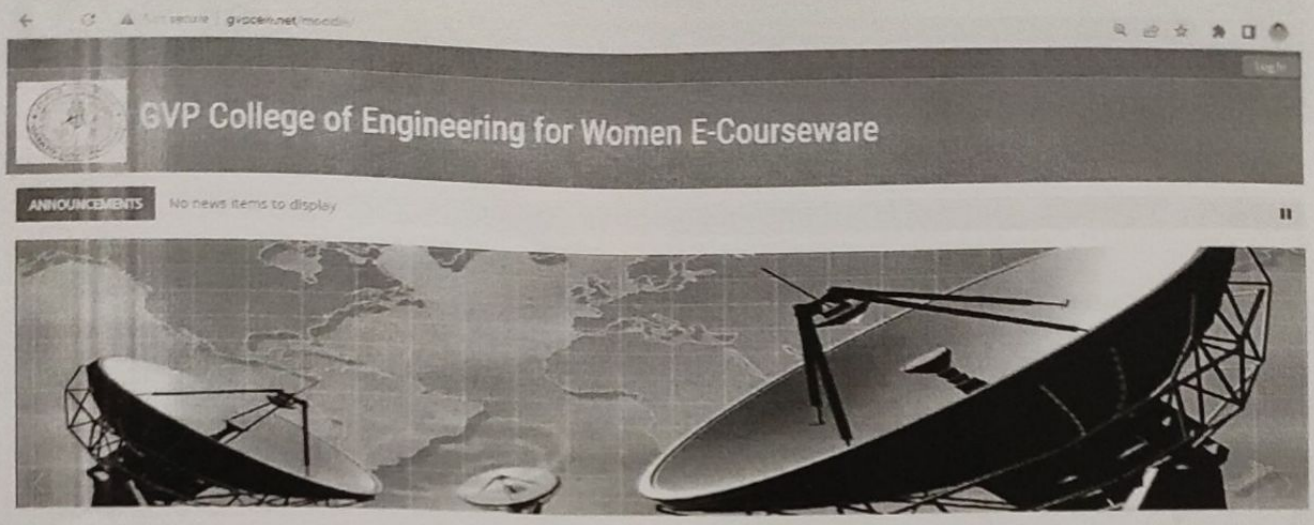
www.gvpcew.net/moodle



Collapse all

- Computer Science Engineering(CSE)
  - Academic Year:2021-22
- Computer Science &Engineering with AI&ML
- Information Technology(IT)
  - Academic Year:2021-22
- Electronics and Communication Engineering(ECE)
  - Academic Year:2021-22
- Electrical and Electronics Engineering(EEE)
- First Year(All Branches)
  - Academic Year:2021-22

GVP COLLEGE OF ENGG FOR WOMEN VISAKHAPATNAM

Theory of Computation

Home Dashboard Events My Courses This course

Courses › Information Technology(IT) › Academic Year 2020-21 › Semester II › General cse › R1922ITTOC

This course is hidden and cannot be accessed by students. Click here to update settings

CO	By the end of the course, students can able to
1	Explain the types of finite state machines and How does finite automata recognize the regular languages.
2	Illustrate the regular grammar, sets and expressions, and equivalence between finite automata and regular expression.
3	Outline the context free grammar rules , productions, and normalization.
4	Develop the various Push Down Automata (PDA) for recognizing the context free languages.
5	Build the Turing Machine to recognizing the recursively enumerable languages and explain the different types of computing problems

Syllabus Edit

Lecture schedule Edit

NPTEL Link Edit

NPTEL Link: https://nptel.ac.in/courses/106/104/106104028/

Text Books:

1) Introduction to Automata Theory, Languages and Computation, J. E. Hopcroft, R. Motwani and J. D. Ullman, 3rd Edition, Pearson, 2008.

2) Theory of Computer Science-Automata, Languages and Computation, K. L. P. Mishra and N. Chandrasekharan, 3rd Edition, PHI, 2007.

3) Automata Theory By P.K.Srimani and Nasir

4) Formal-Languages-Automata-Theory by Sunitha

5) Automata theory By S.Kandar

Text Book(Soft Copy):Automata Languages&computation By K.L.P Mishra Edit

Text Book(Soft Copy): Automata Theory By P.K.Srimani Edit

Unit-I

Edit

- Assignment-1
- Work Sheet-1 — Edit
- UNIT-II(Modified):Reading Material — Edit
- Quiz- — Edit
- Unit-III:Reading Material — Edit
- Online Assignment — Edit
- Unit-III:Reading Material — Edit
- Assignment-2(offline) — Edit
- UNIT-IV: Reading Material — Edit
- UNIT-V: Reading Material — Edit
- Quiz-2 — Edit

Unit-I

Edit

- Assignment-1 — Edit
- Work Sheet-1 — Edit
- UNIT-II(Modified):Reading Material — Edit
- Quiz- — Edit
- Unit-III:Reading Material — Edit
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- Assignment-2(offline) — Edit
- UNIT-IV: Reading Material — Edit
- UNIT-V: Reading Material — Edit
- Quiz-2 — Edit

GVP COLLEGE OF ENGG FOR WOMEN * VISAKHAPATNAM *

⚠ This course is hidden and cannot be accessed by students. Click here to update settings ×

Theory of Computation

Computed from logs since Monday, 21 May 2018, 9:02 PM.

Activity	Views	Related blog entries	Last access
Syllabus	7 views by 7 users	-	Friday, 13 August 2021, 1:22 PM (248 days 22 hours)
Lecture schedule	19 views by 12 users	-	Friday, 13 August 2021, 1:21 PM (248 days 22 hours)
NPTEL Link	10 views by 9 users	-	Monday, 13 September 2021, 8:25 AM (218 days 3 hours)
Text Book(Soft Copy):Automata,Languages&computation By KLP Mishra	22 views by 15 users	-	Tuesday, 7 September 2021, 6:33 PM (223 days 17 hours)
Text Book(Soft Copy): Automata Theory By P.K.Srimani	38 views by 14 users	-	Monday, 13 September 2021, 8:28 AM (218 days 3 hours)

Unit-I

Assignment-1	146 views by 41 users	-	Tuesday, 14 September 2021, 11:02 PM (216 days 12 hours)
Work Sheet-1	25 views by 16 users	-	Monday, 16 August 2021, 7:37 PM (245 days 16 hours)
UNIT-I(Modified):Reading Material	118 views by 37 users	-	Monday, 13 September 2021, 7:22 AM (218 days 4 hours)

Activity	Views	Related blog entries	Last access
Quiz-I	495 views by 45 users	-	Monday, 13 September 2021, 9:13 AM (218 days 2 hours)
Unit-II:Reading Material	65 views by 33 users	-	Monday, 13 September 2021, 7:21 AM (218 days 4 hours)
Online Assignment	398 views by 57 users	-	Sunday, 1 August 2021, 5:47 PM (260 days 17 hours)
Unit-III:Reading Material	59 views by 33 users	-	Monday, 13 September 2021, 7:22 AM (218 days 4 hours)
Assignment-2(offline)	40 views by 21 users	-	Tuesday, 14 September 2021, 11:03 PM (216 days 12 hours)
UNIT-IV: Reading Material	35 views by 22 users	-	Sunday, 12 September 2021, 6:58 PM (218 days 16 hours)
UNIT-V: Reading Material	41 views by 23 users	-	Monday, 13 September 2021, 7:22 AM (218 days 4 hours)
Quiz-2	75 views by 13 users	-	Monday, 13 September 2021, 9:13 AM (218 days 2 hours)

Topic 2

Previous JNTUK Papers	37 views by 21 users	-	Sunday, 12 September 2021, 2:26 PM (218 days 21 hours)

Navigation

Dashboard

- Site home

Site pages

Courses

Information Technology(IT)

Academic Year:2021-22

Academic Year:2020-21

Semester-I

Semester-II

GoDaddy™

GoDaddy.com, LLC
14455 N. Hayden Rd.
Suite 219
Scottsdale, AZ 85260
(480) 505-8877
IGST #: 9917USA29016OS6

Invoice / Receipt

Date: May 10, 2019 11:50 AM

Invoice / Receipt #: 1490536135
Customer #: 187088318

Bill To:
GVP College of Engg for Women Women
Gayatri Vidya Parishad College of Engineering for Women

Madhurawada
Visakapatnam
Visakapatnam, AP 530048
+91.9985169268
GSTIN #: 37AAAAG0434F1Z7

Payment Information:
Paid: ₹39,587.20

Items

3 GB Gen3 VPS Renewal – 1 year

Item Number: 458361
Quantity: 1
Term: 1

List Price: ₹ 31,908.00
Purchase Price: ₹ 27,949.20
ICANN Fee: ₹0.00
Discount: ₹ 0.00

Vice Principal
GVP College of Engineering
for Women
Visakhapatnam

GAYATRI VIDYA PARISHAD
COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada, Visakhapatnam - 530 048.

(A CONSTITUTENT UNIT OF GAYATRI VIDYA PARISHAD
INSTITUTE OF HEALTH CARE AND MEDICAL TECHNOLOGY)

Office Notice No: 19-20/SBI - 202 **Date: 16.09.2019**

To
The Principal
G V P College of Engineering for Women
Visakhapatnam.

Sir,

Please approve to draw the following cheques from the Bank Account No.64032526122 of State Bank of India , Visakhapatnam, as per the details given below:

Sl. No.	Party Name	Chq No.	Amount
1	VIZAG TECHNOLOGIES.COM	734929	₹ 34,100.00
	PAID TOWARDS GOOGLE SPACE &MAILING CHARGES		-
	RENEWAL PERIOD FROM 15.09.2019 TO 14.09.2020		
		TOTAL	34,100.00

ic MANAGER
(ACCOUNTS)

PRINCIPAL
PRINCIPAL
GVP College of Engg. for Women
Visakhapatnam

SECRETARY
APPROVED/NOT APPROVED

Vizag Technologies.com

NO. 6729

TAX INVOICE

GST No. : 37AUGPM0310F1Z4

Client

Name: Principal, GVP College of Engineering for Women,
Address: Madhurawada
City: Visakhapatnam State: AP ZIP
Phone: 2739144

Misc

Date: 07/09/2019
Order No.: Auto Renewal
Rep:
FOB: -

Sl. No.	Description	Qty.	Price	TOTAL
1	Google Space & Mailing Service Charges for the domain gvpcew.ac.in **Mail Box Size :** Unlimited **Renewal Period :** Every 1 Year (From 15/09/2019 to 14/09/2020) **No. of Mail Boxes :** Unlimited	Unlimited	27,000.00	27,000.00
2	Registration/Renewal Charges	1 No	500.00	500.00
	GST @ 24% (CGST - 12% & SGST - 12%)			6,600.00

Rupees in Words: Thirty Four Thousand and One Hundred Only

TOTAL : 34,100.00

Payment

Comments : *Please Issue cheque or D.D. in Favor of Vizag Technologies.com*
CC # :
Expires :

Office Use Only

28-9-17/1, Plana Home Complex, Suryabagh, Visakhapatnam - 530 020
Phone : + 91 - 891 - 2707662, E-Mail: info@vizagtechnologies.com
URL : http://www.vizagtechnologies.com

For *Vizag Technologies.com*

forwarded to Principal Sir for Approval 12/09/19

Account Section, Kindly proceed with the payment 12/9/19

Date 02nd Sep 2021
Visakhapatnam

To
The Principal
GVP College of Engineering for Women
Madhurawada, Visakhapatnam

Respected Sir

Sub: Request for sanction of amount for the renewal of Microsoft Open Value subscription – Reg

Every year we are subscribing to Microsoft Open Value Subscription for our college. As we have received the invoice of Microsoft Volume Licensing – Academic from CA&S on 29th April 2021. The renewal of the Software License is completed and I am attaching the same for your kind perusal Sir.
I'm herewith submitting the quotation/invoice of the same for your kind approval and sanction the same.

Thanking you

Yours sincerely

C Srinivas
Associate Professor
Dept of CSE & IT
GVP College of Engineering for Women

The renewal is every year and we are an alliance partner.
Kindly proceed with the payment.

2,88,915/-

2/9/21

TAX INVOICE

SOLUTIONS (P) LTD -AP(2021-2022) 47-10-20, Flat No. B-2 3 Rd Floor akeplaza rakanagar Main Road akhapatnam : 891-2563087,2716787 STIN/UIN: 37AABCC8053B1ZZ tate Name : Andhra Pradesh, Code : 37 CIN: U72200AP2000PTC034546 E-Mail : surendra@cassolutions.in	Invoice No. CASAP/21-22/11 Delivery Note 618 Supplier's Ref. 618 Buyer's Order No. gvpcew/microsoftelic/po/20 Despatch Document No. Despatched through Terms of Delivery	Dated 29-Apr-2021 Mode/Terms of Payment Other Reference(s) Dated 29-Apr-2021 Delivery Note Date 29-Apr-2021 Destination

Buyer
Gvp Eng. College for Women
MADHURAWADA
VISAKHAPATNAM
State Name : Andhra Pradesh, Code : 37
Place of Supply : Andhra Pradesh

Sl	Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	Microsoft IntuneOpenFclty Shardsvr ALNG *Fys00001*	998315	50 NOS	432.00	NOS		21,600.00
2	Microsoft 0365edue3for Fctyopn Shrdsvr Alng Subsvl *S3y-00001*	84733099	50 NOS	1,560.00	NOS		78,000.00
3	MS WINEDUperDVC ALNG UpgrdSAPk OLVE 1Y Acdme Ent *KW5-00359*	9973	50 NOS	1,277.00	NOS		63,850.00
4	Win Svr CAL ALNG LicSAPk OL V E 1 Y Acdmc APFclty *R1803497*	9973	9 NOS	170.00	NOS		1,530.00
5	Vsprosubmsdn ALNG LICSAPK OLV E 1Y ACDMC AP *770d-00161*	9973	1 NOS	3,910.00	NOS		3,910.00
6	Winsvrstd ALNG LicSAPk OLV E 1Y Acdmc AP 2Proc *54r00141*	84733099	8 NOS	393.00	NOS		3,144.00
7	MS Imgn Academy ALNG Subs VL OLVE 1Mnth Acdmc	9973	12 NOS	5,078.00	NOS		60,936.00

continued ...

This is a Computer Generated Invoice

TAX INVOICE(Page 2)

CA&S SOLUTIONS (P) LTD -AP(2021-2022) D.No. 47-10-20, Flat No. B-2 302A, 3 Rd Floor Dwarakaplaza Dwarakanagar Main Road Visakhapatnam Ph: 891-2563087,2716787 GSTIN/UIN: 37AABCC8053B1ZZ State Name : Andhra Pradesh, Code : 37 CIN: U72200AP2000PTC034546 E-Mail : surendra@cassolutions.in	Invoice No. **CASAP/21-22/11** | Dated **29-Apr-2021** Delivery Note **618** | Mode/Terms of Payment Supplier's Ref. **618** | Other Reference(s) Buyer's Order No. **gvpcew/microsoftelic/po/20** | Dated **29-Apr-2021** Despatch Document No. | Delivery Note Date **29-Apr-2021** Despatched through | Destination Terms of Delivery
Buyer **Gvp Eng. College for Women** MADHURAWADA VISAKHAPATNAM State Name : Andhra Pradesh, Code : 37 Place of Supply : Andhra Pradesh	

Sl No.	Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
8	**SYSCTRCNGMGRCLTML ALNG LINCAPKELIC OLVE 1 YACDMCENT** *Jsa01180*	9973	6 NOS	1,979.00	NOS		**11,874.00**
9	**0365proplusopenfaculty Shrdsvr Elic Alng Subsvl Olv** *1mth Acdmc*	84733099	1,000 NOS				
	OUT PUT CGST @ 9%				9	%	2,44,844.00
	OUT PUT SGST @ 9%				9	%	22,035.96
	Less : Round Off						22,035.96 (-)0.92
	Total		1,186 NOS				

Amount Chargeable (in words) **₹ 2,88,915.00**

Indian Rupees Two Lakh Eighty Eight Thousand Nine Hundred Fifteen Only *E. & O.E*

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
998315	21,600.00	9%	1,944.00	9%	1,944.00	3,888.00
84733099	81,144.00	9%	7,302.96	9%	7,302.96	14,605.92
9973	1,42,100.00	9%	12,789.00	9%	12,789.00	25,578.00
Total	2,44,844.00		22,035.96		22,035.96	44,071.92

Tax Amount (in words) : **Indian Rupees Forty Four Thousand Seventy One and Ninety Two paise Only**

Company's Service Tax No. : **AABCC8053BST001**
Company's PAN : **AABCC8053B**

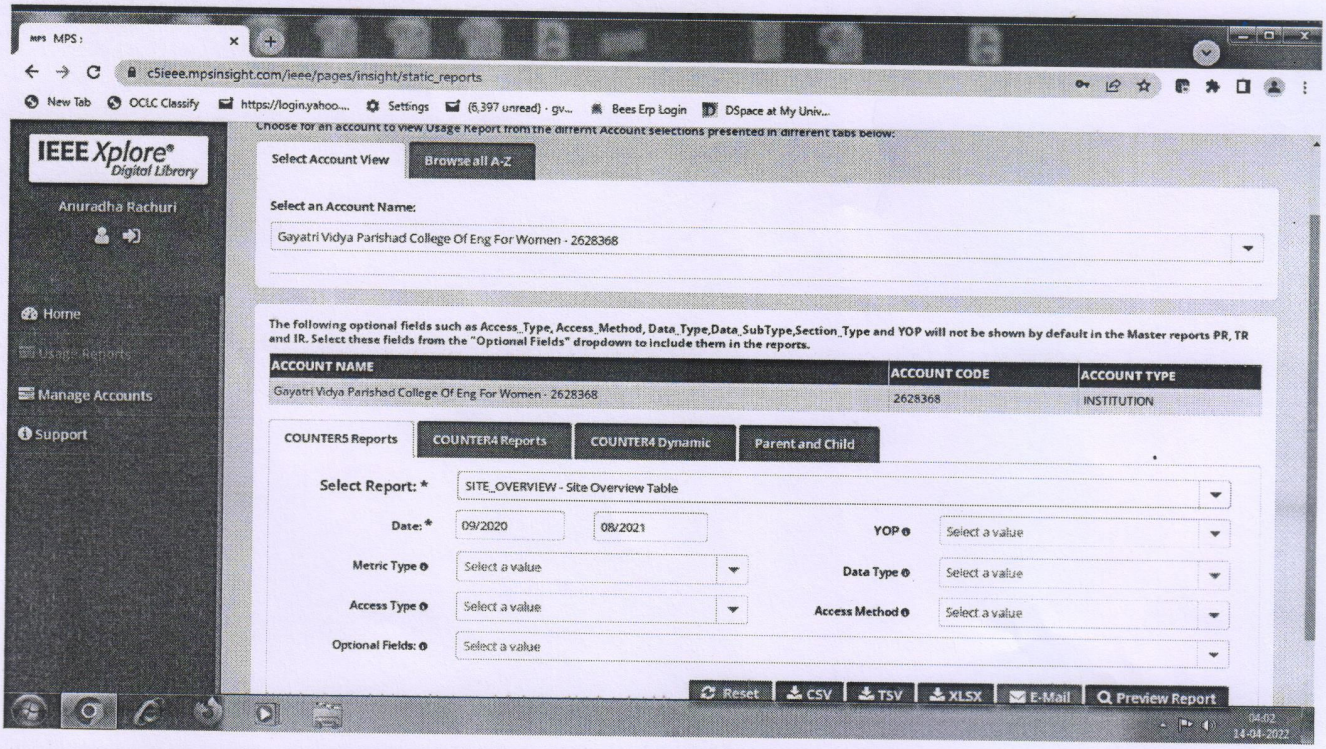
Company's Bank Details
Bank Name : **STATE BANK OF INDIA**
A/c No. : **00000039089782576**
Branch & IFS Code : **Sme Branch & SBIN0063646**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for CA&S SOLUTIONS (P) LTD -AP(2021-2022)

Authorised Signatory

This is a Computer Generated Invoice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OCLC Classify
https://login.yahoo....
Settings
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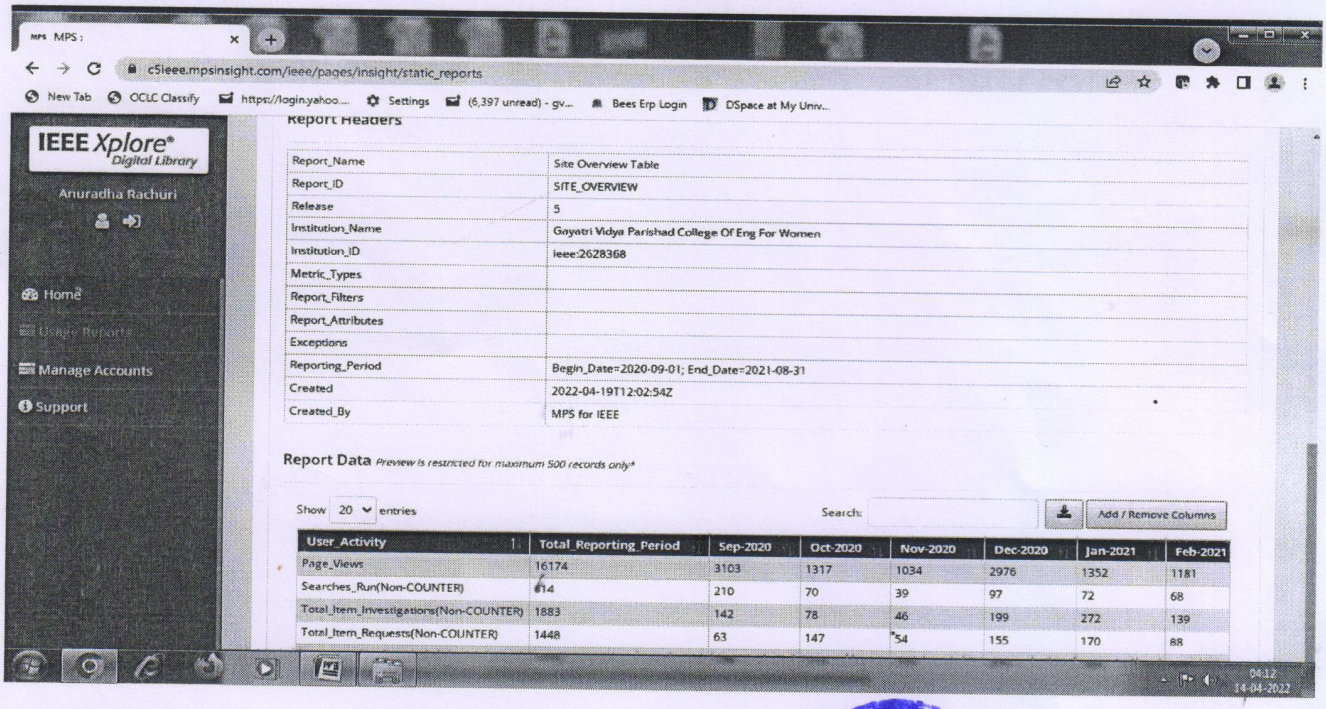
Bees Erp Login
DSpace at My Univ...
IEEE Xplore Digital Library
Anuradha Rachuri
Home
Usage Reports
Manage Accounts
Support
Choose for an account to view Usage Report from the different Account selections presented in different tabs below:
Select Account View
Browse all A-Z
Select an Account Name:
Gayatri Vidya Parishad College Of Eng For Women - 2628368
The following optional fields such as Access_Type, Access_Method, Data_Type,Data_SubType,Section_Type and YOP will not be shown by default in the Master reports PR, TR and IR. Select these fields from the "Optional Fields" dropdown to include them in the reports.
ACCOUNT NAME
ACCOUNT CODE
ACCOUNT TYPE
Gayatri Vidya Parishad College Of Eng For Women - 2628368
2628368
INSTITUTION
COUNTER5 Reports
COUNTER4 Reports
COUNTER4 Dynamic
Parent and Child
Select Report: *
SITE_OVERVIEW - Site Overview Table
Date: *
09/2020
08/2021
YOP
Select a value
Metric Type
Select a value
Data Type
Select a value
Access Type
Select a value
Access Method
Select a value
Optional Fields:
Select a value
Reset
CSV
TSV
XLSX
E-Mail
Preview Report
04:02
14-04-2022


MPS : MPS :
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OCLC Classify
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Bees Erp Login
DSpace at My Univ...
IEEE Xplore Digital Library
Anuradha Rachuri
Home
Usage Reports
Manage Accounts
Support
Report Headers
Report_Name
Site Overview Table
Report_ID
SITE_OVERVIEW
Release
5
Institution_Name
Gayatri Vidya Parishad College Of Eng For Women
Institution_ID
ieee:2628368
Metric_Types
Report_Filters
Report_Attributes
Exceptions
Reporting_Period
Begin_Date=2020-09-01; End_Date=2021-08-31
Created
2022-04-19T12:02:54Z
Created_By
MPS for IEEE
Report Data
Preview is restricted for maximum 500 records only*
Show 20 entries
Search:
Add / Remove Columns
User_Activity
Total_Reporting_Period
Sep-2020
Oct-2020
Nov-2020
Dec-2020
Jan-2021
Feb-2021
Page_Views 16174 3103 1317 1034 2976 1352 1181
Searches_Run(Non-COUNTER) 614 210 70 39 97 72 68
Total_Item_Investigations(Non-COUNTER) 1883 142 78 46 199 272 139
Total_Item_Requests(Non-COUNTER) 1448 63 147 54 155 170 88
04:12
14-04-2022

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Institution_Name	Gayatri Vidya Parishad College Of Eng For Women
Institution_ID	ieee:2628368
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Report_Filters	
Report_Attribute	
Exceptions	
Reporting_Period	Begin_Date=2020-09-01; End_Date=2021-08-31
Created	2022-04-19T11:56:10Z
Created_By	MPS for IEEE

User_Activity	Total_Repo	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021
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Visits	1693	198	119	155	276	160	171	121	154	18	24	182	115
Searches_Run(Nc	814	210	70	39	97	72	68	63	53	9	22	71	40
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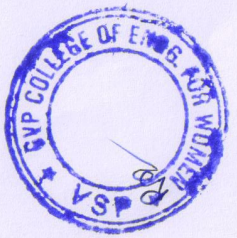

DELNET

Customer Log IM
No :- IM-1938
Institute Name :- Gayatri Vidya Parishad College of Engineering for Women

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3	03/12/202109:28:18			Site	99.101.13.206
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11	12/12/202102:56:26			Site	99.101.13.206
12	15/12/202112:29:15			IP Address	125.62.213.27
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25	30/12/202101:37:43			IP Address	125.62.213.27

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada, Visakhapatnam - 48.

DIGITAL LIBRARY GATE REGISTER

Date : 17/12/2021

S.No.	Student Roll No.	Name of the Student	Time In	Time Out	Signature of the Student
1	20-512	A chandrika	7:58	8:40	A Chandrika
2	18-1225	M. Sri Vaishnavi	9:24	9:43	
3	17-12-21	V. Aditya priyadarshini	9:50	11:20	
4	17-12-21	S. Lakshmi sri	9:50	11:20	
5	18-421	CH. Kiranmai	11:10	11:30	Ch. Kiranmai
6	19-552	Divya K	12:40	3:30	Divya Kelli
7	19-544	Keerthi	12:40	12:45	
8	18-1228	B. Nagamani	12:55	1:5	B. Nagamani
9	18-429	D. Lavanya	1:47	1:55	D. Lavanya
10	18-412	B. Dhanusha	1:47	1:55	B. Dhanusha
11	ECE-1	K. Bhavyasri	2:16	3:19	K. Bhavyasri
12	CSE-1	E. Likhithanjali	2:16	3:19	E. Likhitha
13	CSE-1	G. Nakshatri	2:16	3:30	G. Nakshatri
14	IT	B. Sahithi	2:16	3:19	B. Sahithi
15	20-484 ECE-2	P. Divya	2:20	2:25	P. Divya
16	20-555	Sruthi Prabha	2:20	2:25	P. Sruthi
17	20-585	Pritika	2:35	3:00	Pritika
18	20-545	S. Anistha	2:35	3:00	Anistha
19	20-534	V. Sri Deepthi	2:35	3:00	Deepthi
20	19-448	Koussalya	2:51	5:00	
21	19-442	K. Pavitra	3:05	3:30	Pavitra
22	19-472	P. Snehika	3:05	3:11	P. Sneh
23	20-406	K. S. Varshini	3:05	3:11	
24	19-543	S. S. L. Sindhuja	3:05	3:20	
25	19-410	Lakshmi	3:15	3:30	
26	18-401	P. Hema	4:55	6:55	P. Hema
27	19-40	Sree Sai	4:55	5:00	SA
28	19-409	Keerthika	5:00	5:10	
29	19-50	Y. Anusha	5:10	5:20	
30	19-505	Akarsha	5:10	5:20	
31	19-495	Mrudulya	5:20	5:30	

GVP COLLEGE OF ENGG FOR WOMEN VSP

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada, Visakhapatnam - 48.

DIGITAL LIBRARY GATE REGISTER

Date : 17/12/2021

S.No.	Student Roll No.	Name of the Student	Time In	Time Out	Signature of the Student
32	20-1208	Akshaya	5:20	5:30	Aksha
33	20-216	Priyanka	5:30	5:40	Priy
34	20-4212	Harshitha	5:30	5:35	Har
35	20-214	Pavithra	5:50	6:20	Pav
36	18-210	Roopa	6:00	6:10	Roopa
37	18-220	Jahnavi	6:00	6:10	Jah
38	18-213	Kavya	6:10	6:15	Kav
39	19-211	sirisha	6:15	6:20	Sir
40	20-1258	Srireeshama	6:20	6:30	Sri

GVP COLLEGE OF EW FOR WOMEN VSP

For effective content delivery and to enhance the student learning process Gayatri Vidya Prasihad College of Engineering for Women teachers use ICT enabled tools are used.

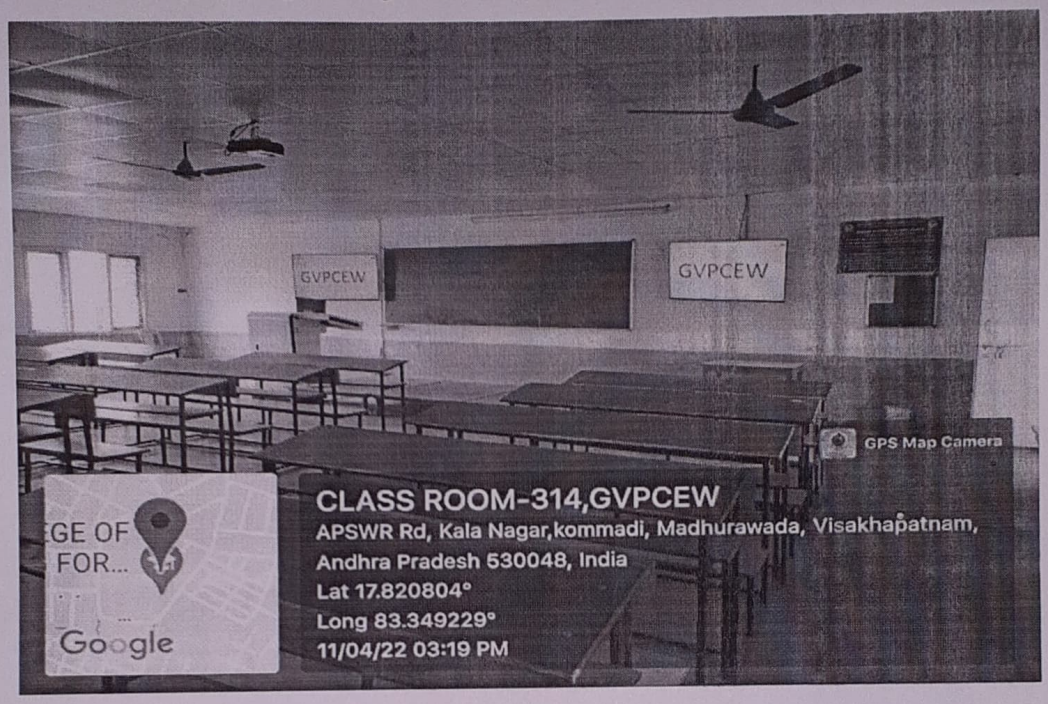

Figure: Television screens in classrooms

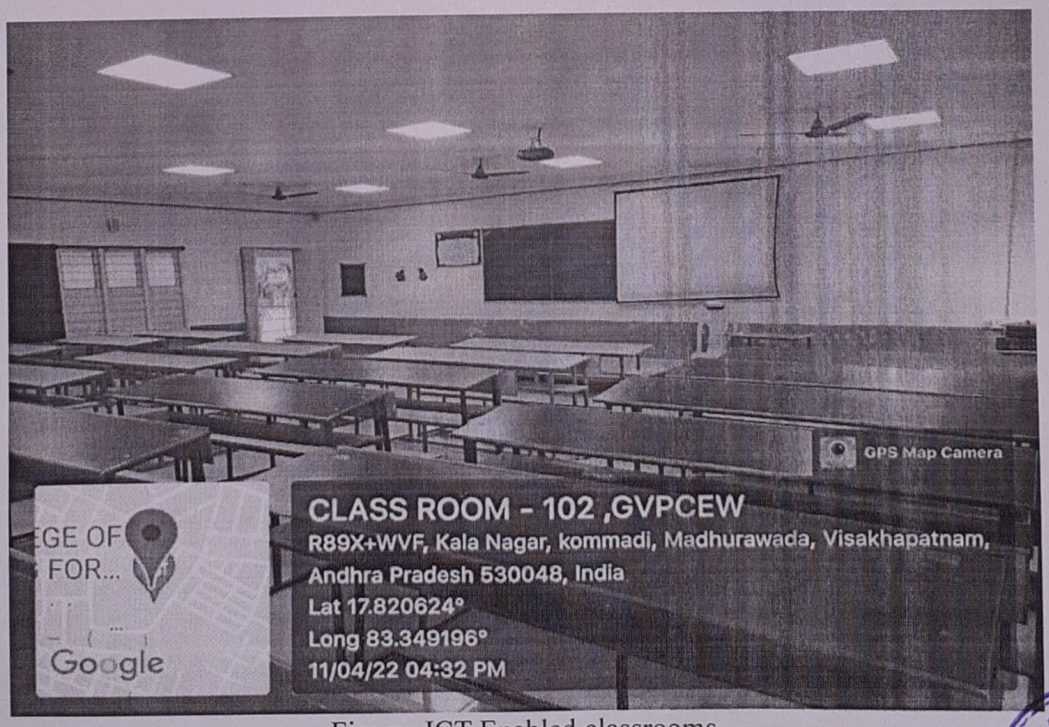

Figure: ICT Enabled classrooms

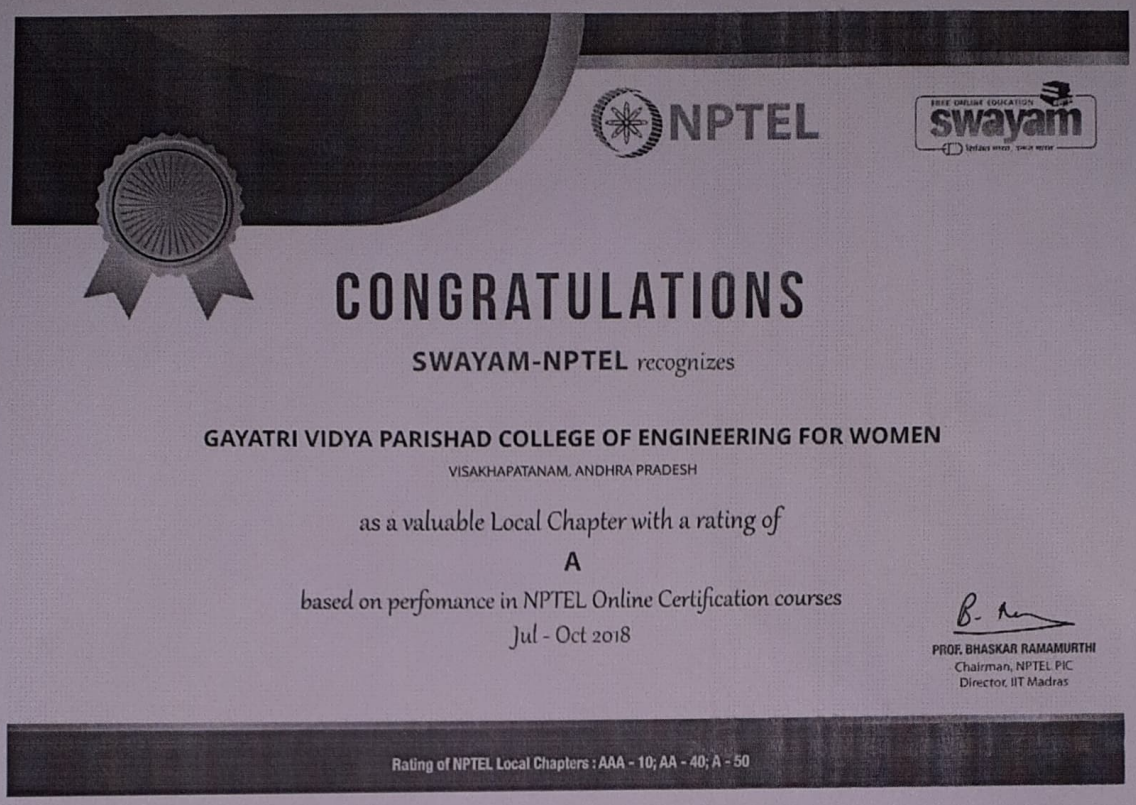

Figure: NPTEL Certificate of Appreciation